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| | | | U.S. I | PATENT DOCUM | ENTS |
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| /TU/ | | JP | 2001-512304 | Α | 08/21/2001 | | T |
| /TU/ | | JP | 2003-9852 | Α | 01/14/2003 | Mitsubishi Heavy Ind Ltd and Yuge Rui | |
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| | | NON PATENT LITERATURE DOCUMENTS | | | |
|-----------------------|--------------|--|--|--|--|
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| /TU/ | | S. Marlovits et al., "Tissue Engineering of Human Articular Cartilage in Rotating-Wall Vessels", International Journal of Artificial Organs, 2002, Vol. 25, No. 7, pp. 676. | | | |
| /TU/ | | S. Marlovits et al., "Three-dimensional culture of human articular chondrocytes in rotating-wall vessels, FASEB Journal, 1999, Vol. 13, No. 4, Part 1, pp. A427. | | | |
| /TU/ | | T.L. Prewett et al., "Three-Dimensional Culture of Bovine Chondrocytes in Rotating-Wall Vessels", In Vitro Cellular and Developmental Biology Animal, 1994, Vol. 30A, No. 3, Part 2, pp. 109. | | | |
| /TU/ | | L.E. Freed et al., "Microgravity Tissue Engineering", In Vitro Cellular and Developmental Biology Animal, 1994, Vol. 33, No. 5, pp. 381-385. | | | |
| /TU/ | | Y. Oyabu et al., "Three-dimensional engineering of cartilage tissue using RWV bioreactor", Japan Science and Technology Agency, The Annual Symposium for 2003, December 3, 2003, pp. 160. | | | |
| /TU/ | | N. Kida et al., "Cartilage tissue regeneration using RWV bioreactor system", December 16, 2003, pp. 271. | | | |
| /TU/ | | H. Holtzer et al., "The Loss of Phenotypic Traits by Differentiated Cells in Vitro, I., Dedifferentiation of Cartilage Cells", Proceedings of the National Academy of Sciences, November 16, 1960, pp. 1533-1543. | | | |
| /TU/ | | S. Saitoh et al., "Compressive Force Promotes Chondrogenic Differentiation and Hypertrophy in Midpalatal Suture Cartilage in Growing Rats", The Anatomical Record, 2000, pp. 392-401. | | | |
| /TU/ | | S. Mizuno et al., Hydorstatic Fluid Pressure Enhance Matrix Synthesis and Accumulation by Bovine Chondrocytes in Three-Dimensional Culture", Journal of Cellular Physiology, 2002, pp. 319-327. | | | |
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| Farminas Simon | /Thane Underdahl/ | | 04/16/2007 | ٦ |
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